

CLAIMS:

1. A data management system for applying operations on data outputted from a data storage system and providing data to a processing of an application program, the data management system comprising:

a plurality of data operation modules configured to operate data which have different operation functions; and

a resource manager having a data operation module management table to be used at a time of combining the plurality of data operation modules; the resource manager configured to receive a data operation request from the application program, refer the data operation module management table and make a set up to enable a desired operation by combining necessary data operation modules of the plurality of data operation modules.

2. The data management system of claim 1, further comprising:

a plurality of data operation module managers each configured to manage one or more corresponding data operation modules of the plurality of data operation modules respectively.

3. The data management system of claim 2, wherein the data operation module management table records a correspondence between a name of each of the plurality of data operation modules and a pointer to one of the plurality of data operation module managers that manages the one or more corresponding data operation modules.

4. A data management method in a data management system having a plurality of data operation modules configured to operate data which have different operation functions for applying operations on data outputted from a data storage system and providing data to a processing of an application program, the data management method comprising:

receiving a data operation request from the application program;

referring a data operation module management table which is used at a time of combining the plurality of data operation modules; and

making a set up to enable a desired operation by combining necessary data operation modules of the plurality of data operation modules.

5. The data management method of claim 4, further comprising:

managing one or more corresponding data operation modules of the plurality of data operation modules respectively at each of a plurality data operation managers.

6. The data management method of claim 5, wherein the data operation module management table records a correspondence between a name of each of the plurality of data operation modules and a pointer to a data operation module manager that manages the one or more corresponding data operation modules.

7. A computer program product for causing a computer to function as a data management system having a plurality of data operation modules configured to operate data which have different operation functions, for applying operations on data outputted from a data storage system and providing data to a processing of an application program, the computer program product comprising:

a first computer program code for causing the computer to receive a data operation request from the application program;

a second computer program code for causing the computer to refer a data operation module management

table which is used at a time of combining the plurality of data operation modules; and

a third computer program code for causing the computer to make a set up to enable a desired operation by combining necessary data operation modules of the plurality of data operation modules.

8. The computer program product of claim 7, further comprising:

a fourth computer program code for causing the computer to manage one or more corresponding data operation modules of the plurality of data operation modules respectively at each of a plurality data operation managers.

9. The computer program product of claim 8, wherein the data operation module management table records a correspondence between a name of each of the plurality of data operation modules and a pointer to one of the plurality of data operation module managers that manages the one or more corresponding data operation modules.